

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\  
 Data File : VU037179.D  
 Acq On : 11 Mar 2020 20:25  
 Operator : JC/MD  
 Sample : L1891-03  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBER3

Manual Integrations  
 APPROVED

mmdadoda  
 3/13/2020 3:37:15 PM

Quant Time: Mar 12 04:27:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR031120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Mar 12 01:55:55 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 109471   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 111622   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 45269    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 33831    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 94.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 28021    | 5.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 110.40% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 56654    | 3.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.40%  |
| 20) 2-Butanone-d5              | 4.69   | 46    | 87859    | 47.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.56%  |
| 24) Chloroform-d               | 5.11   | 84    | 73803    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 42870    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.40% |
| 32) Benzene-d6                 | 5.76   | 84    | 133826   | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 43700    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.40%  |
| 41) Toluene-d8                 | 7.93   | 98    | 116949   | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.00%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 16669    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.20%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 71171    | 47.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.44%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 34248    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 42671    | 5.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.20% |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response | Conc  | Units | Ovalue |
|------------------------------|------|------|----------|-------|-------|--------|
| 14) Carbon disulfide         | 2.82 | 76   | 9367     | 0.395 | ug/L  | # 90   |
| 18) trans-1,2-Dichloroethene | 3.39 | 96   | 798      | 0.106 | ug/L  | 93     |
| 22) cis-1,2-Dichloroethene   | 4.72 | 96   | 2298m    | 0.276 | ug/L  |        |
| 42) Toluene                  | 8.00 | 91   | 3292     | 0.093 | ug/L  | 84     |
| 52) Ethylbenzene             | 9.59 | 91   | 3251     | 0.083 | ug/L  | 92     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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